



ANNUAL MIA-SYMPIOSIUM, 2019

(A Dentos-India & Dentos Korea CE Initiative Event)

'Skeletal & Severe
Dental Deformities:
Contemporary Trends
in their Management'

**PRE-CONFERENCE COURSE
ON 16TH FEB., 2019**

Venue: S. P. Jain Auditorium,
4th Floor, New Wing, Bombay Hospital,
Mumbai-400020

**SUNDAY
17TH FEB., 2019
MUMBAI, INDIA**



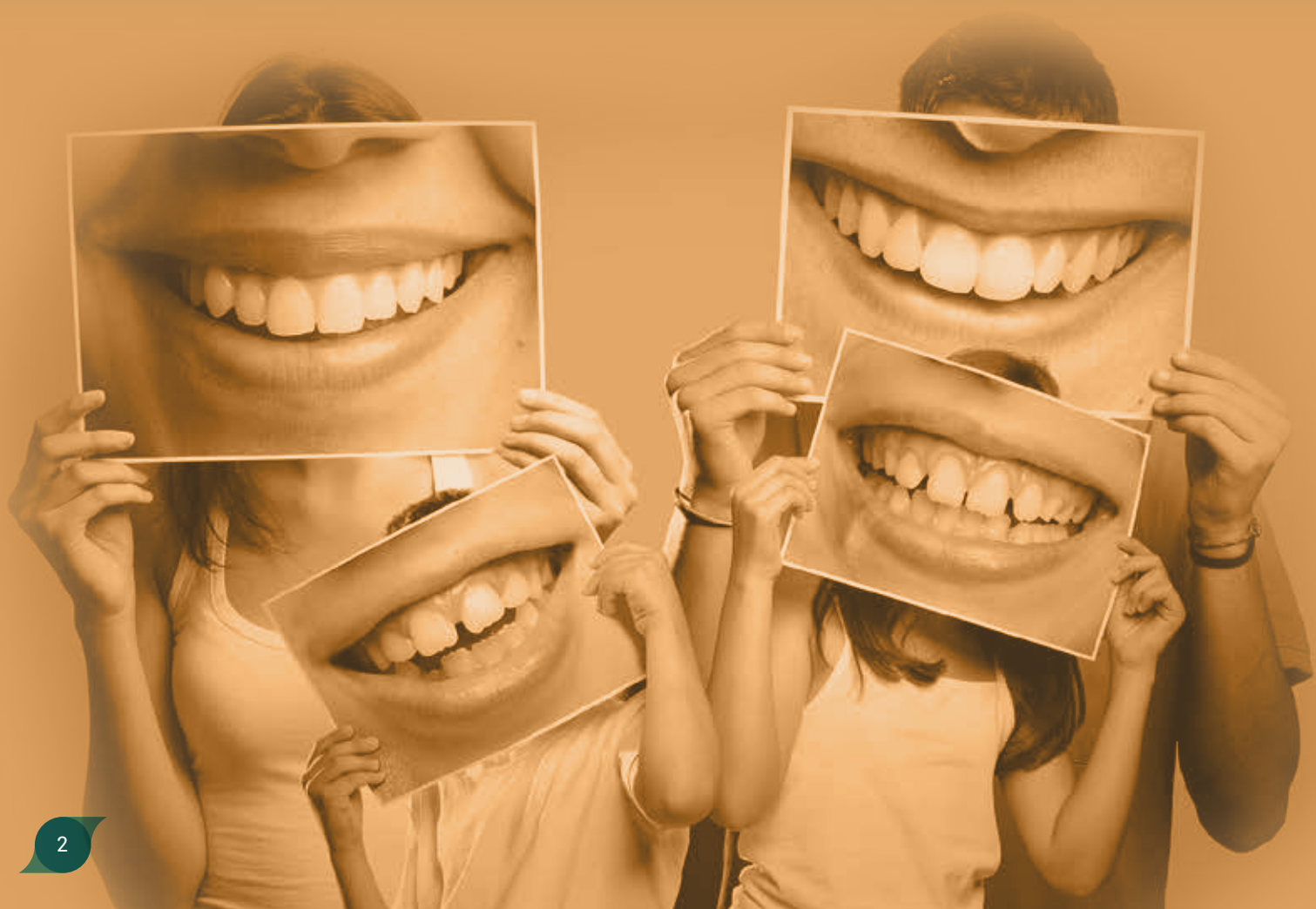
**Program coordinator:
Mani K. Prakash**

This MIA Symposium, a CE event has been a regular feature, either Annually or Bi-annually, of the Indian Orthodontic Calendar, for more than a decade. The main focus of the event has always been to bring in focus the Current Trends and status of Contemporary Clinical Orthodontics in General with special emphasis on Micro implant Anchorage in particular.

The general sessions in this year's meeting will be in the form of Keynote Presentations for 60 to 75 minutes

The renowned line of speakers this year will be:

- Adrien Marinetti
- Joanna Antoszezwska-Smith
- Kee-Joon Lee
- Tae-Woo Kim
- Ashok Surana
- Mani K. Prakash



ADRIEN MARINETTI

Cecsmo, Master in Orthodontics
Private Practice, Paris, France

Adrien Marinetti is a renowned orthodontist practising in Paris, France. He began his career in 1997 as an associate with Dr. Jean-Luc Pruvost, Paris. He is into private practise since 2003, taking over the office of Professor Robert Garcia (currently Dean of the Dental School of Paris VII Garancière).

DIPLOMAS

- Paris, France Baccalaureat C (Lycée Pasteur, Neuilly sur Seine):1990
- Paris, France Certificate of advanced studies in Radiology: 1997
- Paris VII, France Visiting Clinical Prof. Department of Orthodontics: 1997
- Paris VII, France Doctor in Dental Surgery - DDS: 1998
- Paris VII, France CECSMO (Master in Orthodontics): 2002

Marinetti has

- Publications in several journals in French and English
- 2006-2012, Secretary of the French Society of Lingual Orthodontics
- 2012-2016, President of the French Society of Lingual Orthodontics
- Active participant to the Scientific Committee of the French Federation of Orthodontics (FFO)
- Chair of numerous sessions of the French Federation of Orthodontics

OPTIMIZATION OF SURGICAL MANDIBULAR ADVANCEMENT THROUGH THE USE OF MINI-SCREWS AND BITE PLANES

Considerable progress has been registered in orthodontic preparation before surgery over the recent past years due to the extensive use of mini-screws: Effectively, use of mini-screws allows to obtain the decompensation of Class II patients through a backward movement of the lower arch without any effect on the maxillary dentition. The major benefit is not finding oneself confronted to the non-return scheme of extractions.

The technique proposes insertion of mini-screws in the retro-molar triangles without practically any post-surgical effects thanks to a looped rod. Final result can be boosted up through the use of pre and post-surgical bite planes, whereby surgery of the mandibular is sufficient in itself to correct the canting of the occlusal plane.

JOANNA ANTOSZEWSKA-SMITH

DDS, MDS Sc Orth, PhD

Professor, Wroclaw Medical University, Dept. of Orthodontics and Dentofacial Orthopaedics, Krakowska, Warsaw, Poland

Joanna Antoszevska-Smith graduated from Wroclaw Medical University, in 1994. She began a post-graduate training at her mother-University, immediately after studies; she was awarded the 6 month-scholarship in Nancy, France. During this training process, emphasis was put on Burstone technique, orthognatic surgery and e-learning. She completed her PhD project in 2002 and has continued working in the same facility as an assistant professor. In 2003, after congress of European Orthodontists Society dominated by absolute anchorage, she started her intensive research upon the novel micro and mini-implants. Her research projects were granted by the authorities of Wroclaw Medical University and resulted in her habilitation. The study results also attracted attention of researchers from Kyungpook National University in Daegu, the South Korea - one of the most respected centers all over the world, dealing with miniscrew-implants. International scientific cooperation ended up with and an invitation as a keynote speaker during 2nd Asian Microimplant Anchorage Congress.

Antoszevska-Smith is the author of over 100 articles in local and international journals, also from Philadelphia List. She gave over 70 presentations in national and international congresses. Since 2007, she has given courses several times a year, in different countries of Europe and Asia. Her scientific activity encouraged Editorial Boards of the most prominent orthodontic and biomechanical journals to charge her with the task of reviewer.

Antoszevska-Smith is an editor in chief of "Clinical Orthodontics", the journal attracting interest and respect of orthodontist not only in Poland. The journal presents novel and efficient approaches to many clinical issues. Such knowledge is useful for everybody, including the editor in chief, since she successfully runs her private office since 2000.

Antoszevska-Smith has been an English interpreter since 1999; within this period she dealt with roughly 100 two – three-day courses run by worldwide known orthodontic authorities.

Antoszevska-Smith, as a scientist and clinician is mainly interested in micro- and mini-implants, segmented approach in straight wire techniques and esthetics in orthodontics.

Her biography is published in "Who's Who In the World": encyclopedia edited by Marquis in 2010.



TAMED BIOMECHANICS

Orthodontics, for over 100 years of its presence in our lives, has been subjected to evolution as much as any other artistic field. Over the course of the century, both views related to the reduction or preservation of the number of teeth, as well as the techniques or materials used in the treatment clashed together. From the initial concentration on regaining Class I molar and canine relationships, we have moved to a higher level of attention to periodontal tissues and facial features aesthetics. In our evolution, only one thing remained unchanged: the mechanics resulting from the third principle of Newton's dynamics, whose secrets I will share through my lecture thus taming the biomechanics.

KEE-JOON LEE

DDS, PhD

Professor, Yonsei University, Seoul, Korea

Kee-Joon Lee is professor of the Department of Orthodontics, Yonsei University College of Dentistry, Seoul, Korea. He received DDS and PhD degree from Graduate school, College of Dentistry, Yonsei University. He completed the orthodontics specialty training in Yonsei University. He was a visiting scholar at the Department of Biochemistry, University of Pennsylvania School of Dental Medicine in 2002-2004 and at the Division of Plastic Surgery, the Children's Hospital of Philadelphia in 2010-2011. He is currently an adjunct professor at the Department of Orthodontics, University of Pennsylvania. He has contributed many book chapters on biomechanics of miniscrew-driven orthodontics, non-extraction treatment in adults, up-to-date lingual orthodontic mechanics and surgery-first approached using TADs. He is the first who demonstrated the miniscrew-assisted rapid palatal expander (MARPE) for adults in AJO-DO, which was cited by many other authors. He has published many articles and case reports regarding the treatment of non-eruption, and total arch movement for hyperdivergent face in orthodontic journals including two cover issues in AJO-DO. His fields in research include clinical biomechanics regarding TADs application and the suture and bone responses to orthodontic stimulus. He has served as a reviewer in major orthodontic journals, including AJO-DO, Angle Orthodontists and European Journal of Orthodontics. He has been invited to many international orthodontic conferences around the world.



MARPE: THE BIG BANG, EVOLUTION AND FUTURE

In this presentation, several cases showing maxillary transverse deficiency will be shown, with special emphasis on the role of the suture cells in the feasibility and the stability of maxillary expansion. According to the theoretical background and clinical examples, it appears that deficiency in the maxillary posterior region, not necessarily the anterior region necessitates true orthopedic expansion which secures the quality and stability of occlusal outcomes.

TAE-WOO KIM

DDS, MSD, PhD

Professor, Seoul National University, Seoul, Korea

Tae-Woo KIM is Professor in Orthodontics, Seoul National University, where he completed his orthodontic specialty training in 1986. He was a visiting professor (1995-97) of University of Washington. He was an editor-in-chief of Korean Journal of Orthodontics (KJO) for many years. He was President of Korean Association of Orthodontists and President of Korean Association of Orthodontists Foundation (2014-2016). He works as a reviewer of KJO, AJODO and other famous international journals. His focused research fields are TMD, open bite, mini-implants and long-term stability. He was invited as speaker by many orthodontic associations and schools all over the world.



STRATEGIC APPROACH TO TREAT THE OPEN BITE EFFICIENTLY AND TO RETAIN THE STABLE RESULT

Open bite has been one of interesting fields to me, since I started orthodontic residency in 1983. In my department, I have many open bite cases, especially with TMD, because they are referred from local clinics and other orthodontists. Seoul National University Dental Hospital is the final destination of problem cases in South Korea. I think more than 60 % of my patients are open bite cases.

Anterior open bite is a very challenging malocclusion even for excellent orthodontists. It is very difficult to diagnose differentially and to retain the post-treatment result well, because one case may have several etiologic factors. Since MRI and CT were used to screen the etiologic factors, I have realized once more that 'open bite' is one sign of different diseases caused by thumb sucking, tongue thrusting, low tongue posture, mouth breathing, macroglossia, temporomandibular disease and ankyloses of anterior teeth. It cannot be overemphasized to try to find and to remove the causing factors first. According to the causes the open bite should be treated differentially. In this lecture, the following contents will be presented.

- 1) Etiologic factors of open bite
- 2) How to find and resolve the etiologic factors
- 3) Mechanics to close the open bite efficiently
- 4) Strategies to obtain the long-term stability

ASHOK SURANA

BDS (Cal), MDS (Guj), DIBO

Chairman, Indian Board of Orthodontics

Private Practice, Kolkata.

Ashok Surana completed his BDS in 1987, from Dr. R. Ahmed Dental College, Kolkata and completed his Post Graduate training in Orthodontics at Government Dental College, Ahmedabad in 1992. He has maintained an immensely successful orthodontic practice in Kolkata for over a quarter of a century now. He is a regular Invited Speaker at the State and National level Conferences and Post Graduate Conventions. He received the award for Best Clinical Paper at the 46th Indian Orthodontic Conference in 2011 at Khajuraho. He served as the Organizing Secretary of the highly successful 49th Indian Orthodontic Conference, 2014 in Kolkata and is the current Chairman of the Indian Board of Orthodontics.

He has a special interest and a vast body of work in the use of skeletal anchorage for managing the vertical dimension.

REDEFINING THE ENVELOPE OF DISCREPANCY WITH MINI IMPLANT ANCHORAGE SYSTEM

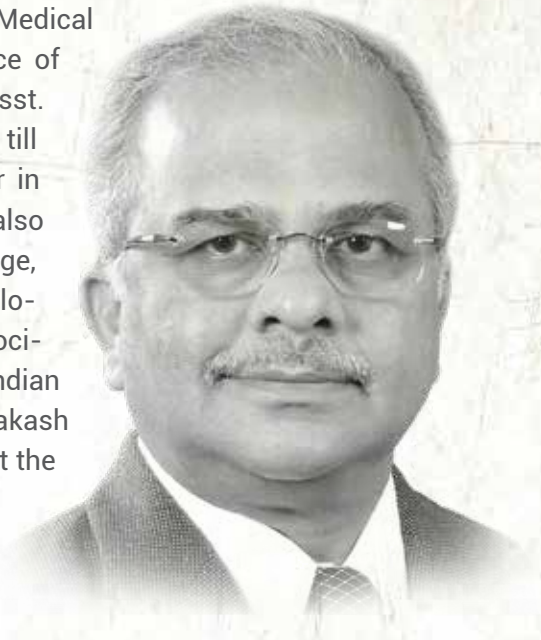
Ever since, the development of the osseo-integrated implant system by Branemark in 1969, it eventually lead to the wide application of bone anchored temporary anchorage devices TADs in orthodontics thus, expanding the envelope of orthodontic treatment and changed few conventional treatment modes because of more predictable tooth movement with empowered anchorage. Therefore, this presentation is about sharing my personal experience of the various clinical applications of TADs thereby, clarifying the paradigm shift of orthodontic treatment of skeletal and severe dento-alveolar malocclusions assisted with mini implant anchorage.

MANI K. PRAKASH

M.D.S

Hon. Consultant, Bombay Hospital, Mumbai, India
Private Practice, Mumbai, India

Mani K. Prakash, an Honorary Consultant with Bombay Hospital Medical Research Centre, Marine Lines, Mumbai has an exclusive practice of Orthodontics for the past 48 years. He served for 8 years as an Asst. Professor in Orthodontics in Nair Hospital Dental College, Bombay till 1979. Later, he was associated as a Clinical Associate Professor in Orthodontics with the same institution from 1979 to 1988. He also served as the Prof. & Head of Orthodontics at D. Y. Patil Dental College, Nerul, New Bombay from October 1994 to December 1995. A 'Diplomate' by the Indian Board of Orthodontics of Indian Orthodontics Society in November 2000, Dr. Prakash elected as the 'Director' of Indian Board of Orthodontics for a five-year term in November 2005. Dr. Prakash was awarded by Indian Orthodontic Society as the 'Best Teacher', at the 51st Indian Orthodontic Conference held in Goa, India. He was felicitated by Indian Orthodontic Society with 'Life Time Achievement Award' for services to Orthodontics, at the 52nd Indian Orthodontic Conference, Jaipur, India. Dr. Prakash has acted as the Chairman of Indian Board of Orthodontics (2009-10). He has conducted numerous in PEA, Early Treatments, Orthognathic Surgical Managements and popular Micro Screw Anchorage. He has also presented Keynotes in every forum of International Orthodontics, like AAO, WFO, Moyer's Symposium, APOC, WIOC, WMIA to cite few, and published widely in all publications in Orthodontics.



TREATMENT OF SKELETAL DEFORMITIES - HAVE ORTHODONTIC PROTOCOLS COME OF AGE - A VIEWPOINT

Tackling 'Skeletal Deformities' successfully in Orthodontic corridors have always been a difficult challenge. Augmenting orthodontics protocols with Orthognathic Surgery has provided us with much more functional, esthetic and stable results over couple of decades.

With the welcome advent of 'Implant based Anchor' protocols, the entire anchor scenes seem to have changed dramatically, leading to comfort zones-where tooth base anchor controls are no more the challenge it used to be. Further, these tiny anchors have tweaked our Orthodontic results towards excellence with sublime ease. Even these anchors have proved their mettle in aiding the Orthognathic surgical methods, by reducing the extent of surgical interventions, by aiding their management with absolute anchors!

This clinical presentation will illustrate, a viewpoint reaffirming the fact that Orthodontic protocols today have impressively enhanced capabilities to deal with Skeletal deformities, than ever before!

The presentation will try to answer some of these challenging issues with suitable Clinical illustrations and case reports.



SESSION I

| | |
|---------------------|---|
| 8.00 am | Registration |
| 8.45 am | Inauguration / Introductions |
| 9.00 - 10.00 am | <p><i>'Strategic Approach to Treat the Open Bite Efficiently and to retain the Stable Result'</i></p> <p>Tae-Woo Kim (DDS, MSD, PhD) Professor, Seoul National University, Seoul, Korea</p> |
| 10.00 am - 11.00 am | <p><i>'MARPE: The Big Bang, Evolution and Future'</i></p> <p>Kee-Joon Lee (DDS, PhD) Professor, Yonsei University, Seoul, Korea</p> |
| 11.00 - 11.15 am | Tea Break |
| 11.15 am - 12.15 pm | <p><i>'Optimization of Surgical Mandibular Advancement through the use of Mini-Screws and Bite Planes'</i></p> <p>Adrien Marinetti (Cecsmo, Master in Orthodontics) Private Practice, Paris, France</p> |
| 12.15 - 01.15 pm | <p><i>'Treatment of Skeletal Deformities - Have Orthodontic Protocols Come of Age - A Viewpoint'</i></p> <p>Mani K. Prakash (BDS, MDS) Hon. Consultant, Bombay Hospital, Mumbai, India Private Practice, Mumbai, India</p> |
| 01.15 - 02.15 pm | Lunch |



SESSION II

| | |
|------------------|---|
| 02.15 - 03.15 pm | <p><i>'Tamed Biomechanics'</i></p> <p>Joanna Antoszewska-Smith (DDS, MSc Orth, PhD) Professor, Wroclaw Medical University, Dept. of Orthodontics and Dentofacial Orthopaedics, Krakowska, Warsaw, Poland</p> |
| 03.15 - 04.15 pm | <p><i>'Redefining the Envelope of Discrepancy with Mini-Implant Anchorage Systems'</i></p> <p>Ashok Surana (BDS, MDS) Chairman, Indian Board of Orthodontics Private Practice, Kolkata.</p> |
| 04.15 - 05.15 pm | A 'Q & A' programme where all the 'Invited Faculty' shall be posed with 'Queries' by participants over a special WhatsApp group formulated for this purpose. |
| 05.15 pm | Valedictory Function |



REGISTRATION DETAILS

| CATEGORY | EARLY BIRD TILL 31 ST DEC. 2018 | LATE & SPOT |
|--|---|-------------------------------------|
| OPTION A: Conference only | ₹8,500 + ₹1,530 (GST) = ₹10,030 | ₹9,500 + ₹1,710 (GST) = ₹11,210 |
| OPTION B: Conference + Pre-Conference Hands-on Course | ₹23,500 + ₹4,230 (GST) = ₹27,730 | ₹24,500 + ₹4,410 (GST) = ₹28,910 |
| Get 1 Bare Essential Implant Kit FREE - 1 Long Hand Driver and 4 implants (Only for Option B) | | |

PRE-CONFERENCE COURSE ON 16TH FEBRUARY, 2019

MICRO-IMPLANT ANCHORAGE HANDS-ON COURSE



M. K. PRAKASH



KETAN VAKIL



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